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                         GenCore version 5.1.3
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OM nucleic - nucleic search, using sw model

Run on:          March 30, 2003, 02:49:33 ; Search time 263.719 Seconds
                                            (without alignments)
                                            8283.243 Million cell updates/sec

Title:           US-09-988-971-1
Perfect score:   2567
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Scoring table:   IDENTITY_NUC
                 Gapop 10.0 , Gapext 1.0

Searched:        574371 seqs, 425486471 residues

Total number of hits satisfying chosen parameters:      1148742

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
                 Maximum Match 100%
                 Listing first 45 summaries

Database :       Published_Applications_NA:*
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                 2:  /cgn2_6/ptodata/1/pubpna/PCT_NEW_PUB.seq:*
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      Pred. No. is the number of results predicted by chance to have a
      score greater than or equal to the score of the result being printed,
      and is derived by analysis of the total score distribution.

                                 SUMMARIES
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Result              Query
  No.     Score     Match Length DB  ID                            Description
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       1    871.4    33.9    875  10  US-09-867-550-1915            Sequence 1915, Ap
       2    759.8    29.6    763  10  US-09-867-550-953             Sequence 953, App
       3      348    13.6    444  10  US-09-867-550-951             Sequence 951, App
       4    241.4     9.4  32188  10  US-09-764-860-799             Sequence 799, App
       5    240.2     9.4   9365  9  US-10-092-063-8               Sequence 8, Appli
       6    240.2     9.4   9365  12  US-10-091-085-8               Sequence 8, Appli
       7    237.8     9.3  16225  9  US-10-079-854-370             Sequence 370, App
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      13    234.2     9.1  24664  10  US-09-764-887-613             Sequence 613, App
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      24    231.8     9.0  28770  10  US-09-817-198A-3              Sequence 3, Appli
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      28      230     9.0    601  10  US-09-777-921A-82             Sequence 82, Appl
 c    29      230     9.0 116592  10  US-09-818-512-3               Sequence 3, Appli
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      32    229.4     8.9  32195  9  US-10-102-627-92              Sequence 92, Appl
      33    229.4     8.9  84539  10  US-09-962-436-36              Sequence 36, Appl
      34    229.4     8.9 402850  9  US-09-844-653-5               Sequence 5, Appli
      35    229.2     8.9   3349  9  US-09-764-872-868             Sequence 868, App
 c    36    229.2     8.9  10894  10  US-09-764-869-2111            Sequence 2111, Ap
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      39      229     8.9  22484  10  US-09-875-114-2               Sequence 2, Appli
      40      229     8.9  22484  10  US-09-880-107-3341            Sequence 3341, Ap
      41      229     8.9  32190  10  US-09-764-869-2209            Sequence 2209, Ap
 c    42    228.8     8.9  26048  10  US-09-764-869-1556            Sequence 1556, Ap
      43    228.8     8.9  32193  10  US-09-764-877-2623            Sequence 2623, Ap
 c    44    228.8     8.9 170834  10  US-09-835-232-7               Sequence 7, Appli
 c    45    228.6     8.9  10867  10  US-09-764-869-2113            Sequence 2113, Ap

                                 ALIGNMENTS

RESULT 1
US-09-867-550-1915
; Sequence 1915, Application US/09867550
; Patent No. US20020082206A1
; GENERAL INFORMATION:
;  APPLICANT: Leach, Martin D.
;  APPLICANT:  Mehraban, Fuad,
;  APPLICANT:  Conley, Pamela
;  APPLICANT:  Law, Debbie
;  APPLICANT:  Topper, James
;  TITLE OF INVENTION: No. US20020082206A1el Polynucleotides from Atherogenic Cells and
;  TITLE OF INVENTION:  Thereby
;  FILE REFERENCE: 21402-013 (Cura-313)
;  CURRENT APPLICATION NUMBER: US/09/867,550
;  CURRENT FILING DATE:  2001-09-20
;  PRIOR APPLICATION NUMBER: USSN 60/208,427
;  PRIOR FILING DATE: 2000-05-30
;  NUMBER OF SEQ ID NOS: 2125
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 1915
;   LENGTH: 875
;   TYPE: DNA
;   ORGANISM: Homo sapiens
;   FEATURE:
;   NAME/KEY: misc_feature
;   LOCATION: (1)
;   OTHER INFORMATION: Wherein n is one of a or t or c or g
US-09-867-550-1915

  Query Match             33.9%;  Score 871.4;  DB 10;  Length 875;
  Best Local Similarity   99.9%;  Pred. No. 2.8e-258;
  Matches  872;  Conservative    0;  Mismatches    1;  Indels    0;  Gaps    0;

Qy        860 GGATCCACTGCCTTGACAATGGCTGGCTGTACATCTCACCGCGCCTCACCTTCCCCTCAC 919
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Qy        920 TCCAGGCCCTGGTGGACCATTACTCTGAGCTGGCGGATGACATCTGCTGCCTACTCAAGG 979
              ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db         62 TCCAGGCCCTGGTGGACCATTACTCTGAGCTGGCGGATGACATCTGCTGCCTACTCAAGG 121

Qy        980 AGCCCTGTGTCCTGCAGAGGGCTGGCCCGCTCCCTGGCAAGGATATACCCCTACCTGTGA 1039
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Qy   1040 CTGTGCAGAGGACACCACTCAACTGGAAAGAGCTGGACAGCTCCCTCCTGTTTTCTGAAG 1099
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    182 CTGTGCAGAGGACACCACTCAACTGGAAAGAGCTGGACAGCTCCCTCCTGTTTTCTGAAG 241

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Db    242 CTGCCACAGGGGAGGAGTCTCTTCTCAGTGAGGGTCTCCGGGAGTCCCTCAGCTTCTACA 301

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Db    302 TCAGCCTGAATGACGAGGCTGTCTCTTTGGATGATGCCTAGGCCCAAAGGAGAGGCCAAA 361

Qy   1220 AGGGAAACCAAGGCTGCACACCTAGAACCCCAATTCAGCCTCCTGGGCACCCCAGAGGCA 1279
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Db    362 AGGGAAACCAAGGCTGCACACCTAGAACCCCAATTCAGCCTCCTGGGCACCCCAGAGGCA 421

Qy   1280 AGGCTGTGCACTCAGGGAGGGAGGGTGGGACACAGAGGTGCATCTAGGGTCCCACCTGTA 1339
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    422 AGGCTGTGCACTCAGGGAGGGAGGGTGGGACACAGAGGTGCATCTAGGGTCCCACCTGTA 481

Qy   1340 CCCTTGCTCTTTCCTCTCTTAGCCCTTAGAAGTCACCTACTTCCTTCCAGTGCCATGATC 1399
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Db    482 CCCTTGCTCTTTCCTCTCTTAGCCCTTAGAAGTCACCTACTTCCTTCCAGTGCCATGATC 541

Qy   1400 CCACCTGCGACCTCTAGTGCGAGTGCAGAGAAGGTGGGACCAGGGCCAGGGTTCCAAAAA 1459
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
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Db    602 GAGAATAAGCCTCCTGGGGGGTCTGACCTAGTTAGTTCTTGAGTTTGGGGTTTCCAGTAC 661

Qy   1520 CATCTGGATGCCCTGCCTGTTGAGCCCCATTCTACATCCCCACCATTAACCAGGCCCCAC 1579
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Db    662 CATCTGGATGCCCTGCCTGTTGAGCCCCATTCTACATCCCCACCATTAACCAGGCCCCAC 721

Qy   1580 CCACAAGGTAGAAACAACCCCTAGAGTCAACGAGAAAGTCATTTTCAGAAAATCTACAAG 1639
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Db    722 CCACAAGGTAGAAACAACCCCTAGAGTCAACGAGAAAGTCATTTTCAGAAAATCTACAAG 781

Qy   1640 TCTCGTTGAGACCACCACCATACCTCAGAAGGTAGGACTGTGGCCTAGAAGGGAAAGGAA 1699
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Qy   1700 AGCTGAGATGATGTCTTACCGTAGCAGCAGATC 1732
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Db    842 AGCTGAGATGATGTCTTACCGTAGCAGCTGATC 874


RESULT 2
US-09-867-550-953
; Sequence 953, Application US/09867550
; Patent No. US20020082206A1
; GENERAL INFORMATION:
;  APPLICANT: Leach, Martin D.
;  APPLICANT:  Mehraban, Fuad,
;  APPLICANT:  Conley, Pamela
;  APPLICANT:  Law, Debbie
;  APPLICANT:  Topper, James
;  TITLE OF INVENTION: No. US20020082206A1el Polynucleotides from Atherogenic Cells and
;  TITLE OF INVENTION:  Thereby
;  FILE REFERENCE: 21402-013 (Cura-313)
;  CURRENT APPLICATION NUMBER: US/09/867,550
;  CURRENT FILING DATE:  2001-09-20
;  PRIOR APPLICATION NUMBER: USSN 60/208,427
;  PRIOR FILING DATE: 2000-05-30
;  NUMBER OF SEQ ID NOS: 2125
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 953
;   LENGTH: 763
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;   TYPE: DNA
;   ORGANISM: Homo sapiens
US-09-867-550-953

  Query Match             29.6%;  Score 759.8;  DB 10;  Length 763;
  Best Local Similarity   99.7%;  Pred. No. 6.9e-224;
  Matches  761;  Conservative    0;  Mismatches    2;  Indels    0;  Gaps    0;

Qy    130 CTAAGGAGCATGGGGCAGCTGATCCATCCCTGGTGTACAAACTGCTGACTGCAGACAGAT 189
          ||| ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db      1 CTATGGAGCATGGGGCAGCTGATCCATCCCTGGTGTACAAACTGCTGACTGCAGACAGAT 60

Qy    190 GCTGAGCTACCCAAACCAACACCTAGCCTCTCCCTGAAGATCCTCCCAGGCTGAGAGAGT 249
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Qy    310 CCTGTCCAGCCAGAGCATGCGTCTCAGCAGAGCTGTCTTCCCAAGCCTTTGATGACAAAC 369
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Qy    370 CAATTTCCCTCGATGATGTGCTTCTGAGTGCTCTGCTGAGGAACAATGGGAAGTCTGCCC 429
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Db    301 AGCAGAAGAAAATCTCTGCCAAGCCCAAGCTTGAGTTCCTCTGTCCAAGGCCAGGGACCT 360

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Qy    610 GGAGACTGGTGGACGGTGCTGTCTGAAGTCTCAGGCAGAGAGTATAACATCCCCAGCGTC 669
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Db    481 GGAGACTGGTGGACGGTGCTGTCTGAAGTCTCAGGCAGAGAGTATAACATCCCCAGCGTC 540

Qy    670 CACGTGGCCAAAGTCTCCCATGGGTGGCTGTATGAGGGCCTGAGCAGGGAGAAAGCAGAG 729
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Qy    730 GAACTGCTGTTGTTACCTGGGAACCCTGGAGGGGCCTTCCTCATCCGGGAGAGCCAGACC 789
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Qy    790 AGGAGAGGCTCTTACTCTCTGTCAGTCCGCCTCAGCCGCCCTGCATCCTGGGACCGGATC 849
          ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    661 AGGAGAGGCTCTTACTCTCTGTCAGTCCGCCTCAGCCGCCCTGCATCCTGGGACCGGATC 720

Qy    850 AGACACTACAGGATCCACTGCCTTGACAATGGCTGGCTGTACA 892
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Db    721 AGACACTACAGGATCCACTGCCTTGACAATGGCTGGCTGTACA 763


RESULT 3
US-09-867-550-951
; Sequence 951, Application US/09867550
; Patent No. US20020082206A1
; GENERAL INFORMATION:
;  APPLICANT: Leach, Martin D.
;  APPLICANT:  Mehraban, Fuad,
;  APPLICANT:  Conley, Pamela
;  APPLICANT:  Law, Debbie
;  APPLICANT:  Topper, James
;  TITLE OF INVENTION: No. US20020082206A1el Polynucleotides from Atherogenic Cells and
;  TITLE OF INVENTION:  Thereby
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;  FILE REFERENCE: 21402-013 (Cura-313)
;  CURRENT APPLICATION NUMBER: US/09/867,550
;  CURRENT FILING DATE:  2001-09-20
;  PRIOR APPLICATION NUMBER: USSN 60/208,427
;  PRIOR FILING DATE: 2000-05-30
;  NUMBER OF SEQ ID NOS: 2125
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 951
;   LENGTH: 444
;   TYPE: DNA
;   ORGANISM: Homo sapiens
US-09-867-550-951

  Query Match             13.6%;  Score 348;  DB 10;  Length 444;
  Best Local Similarity   100.0%;  Pred. No. 5.3e-97;
  Matches  348;  Conservative    0;  Mismatches    0;  Indels    0;  Gaps    0;

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Qy     379 TCGATGATGTGCTTCTGAGTGCTCTGCTGAGGAACAATGGGAAGTCTGCCCAGCAGAAGA 438
           ||||||||||||||||||||||||||||||||||||||||||||||||||||||||||||
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Db     301 GCCGAGCTGTCGCTGAGACTCGGGGAGCCATTGACCATCGTCTCTGAG 348

RESULT 4
US-09-764-860-799
; Sequence 799, Application US/09764860
; Patent No. US20020094953A1
; GENERAL INFORMATION:
;  APPLICANT: Rosen et al.
;  TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
;  FILE REFERENCE: PC008
;  CURRENT APPLICATION NUMBER: US/09/764,860
;  CURRENT FILING DATE:  2001-01-17
;  Prior application data removed - consult PALM or file wrapper
;  NUMBER OF SEQ ID NOS: 1198
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 799
;   LENGTH: 32188
;   TYPE: DNA
;   ORGANISM: Homo sapiens
US-09-764-860-799

  Query Match             9.4%;  Score 241.4;  DB 10;  Length 32188;
  Best Local Similarity   77.6%;  Pred. No. 4.6e-63;
  Matches  305;  Conservative    0;  Mismatches   86;  Indels    2;  Gaps    1;

Qy    1834 TTTTCTTTTTTTTTGAGACGGAGTCTTGCCCTGTTGCCCATGCTGGAGTGCAATGGCACG 1893
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Qy    1894 ATCTCAGCTCACTGCAACCTCCATCTCCTGGATTCAAACAATTCTCCTGCCTCAGCCTCC 1953
           ||||||||||||||||| ||||  |||| || |||||   ||||||||||||||||| ||
Db   10452 ATCTCAGCTCACTGCAATCTCCGCCTCCCGGTTTCAAGTGATTCTCCTGCCTCAGCCCCC 10511

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            || || || |||||||||| || | |||||||||| |||||||||||| |||  | ||||
Db   10512 TGAGTAACTAGGATTACAGGTGTCCGCCACCATGCCCGGCTAATTTTTGTGTTAAATTTT 10571

Qy    2012 AGTAGACATGGGGTTTCACCACATTGGCCAGGCTGGTGTCGAACTCCTGACCTCAGGTGA 2071
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Qy    2072 TCCACCCACCTTGGCCTCCCAAAGTGCTGGGATTACAGGTGTGAGCCACGGCACCCAGCC 2131
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Qy    2132 TAGCTCTCAGATCTCTATTTCATTTTGTGGCTTACCATTCCCTAGCACACTGGCCTTGCC 2191
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Db   10692 TAGCTGTTTCTTTCTAATAAGCATGCTCATCTCTCTAATTCCATGCAAAGCCACCTTTTC 10751

Qy    2192 ATCTTGTGGCCGAATAAAAAATAACACCTCTTA 2224
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Db   10752 TTACTCTTGTCACATCATAAAACAAAGCTCTTA 10784

RESULT 5
US-10-092-063-8
; Sequence 8, Application US/10092063
; Patent No. US20020173005A1
; GENERAL INFORMATION:
;  APPLICANT: Ford, John
;  APPLICANT:  Mulero, Julio
;  TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO NOVEL CD39-LIKE POLYPEPTIDES
;  FILE REFERENCE: 28110/35908
;  CURRENT APPLICATION NUMBER: US/10/092,063
;  CURRENT FILING DATE:  2002-03-05
;  PRIOR APPLICATION NUMBER: 09/370,265
;  PRIOR FILING DATE: 2002-01-31
;  PRIOR APPLICATION NUMBER: PCT/US99/16180
;  PRIOR FILING DATE: 1999-07-16
;  PRIOR APPLICATION NUMBER: 09/350,836
;  PRIOR FILING DATE: 1999-07-09
;  PRIOR APPLICATION NUMBER: 09/273,447
;  PRIOR FILING DATE: 1999-03-19
;  PRIOR APPLICATION NUMBER: 09/244,444
;  PRIOR FILING DATE: 1999-02-04
;  PRIOR APPLICATION NUMBER: 09/122,449
;  PRIOR FILING DATE: 1998-07-24
;  PRIOR APPLICATION NUMBER: 09/118,205
;  PRIOR FILING DATE: 1998-07-16
;  NUMBER OF SEQ ID NOS: 39
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
;   LENGTH: 9365
;   TYPE: DNA
;   ORGANISM: Homo sapiens
;   FEATURE:
;   NAME/KEY: exon
;   LOCATION: (1)..(288)
;   NAME/KEY: exon
;   LOCATION: (1281)..(1580)
;   NAME/KEY: exon
;   LOCATION: (1820)..(1855)
;   NAME/KEY: exon
;   LOCATION: (2467)..(2555)
;   NAME/KEY: exon
;   LOCATION: (2863)..(2942)
;   NAME/KEY: exon
;   LOCATION: (3889)..(3950)
;   NAME/KEY: exon
;   LOCATION: (4894)..(4995)
;   NAME/KEY: exon
;   LOCATION: (5847)..(5987)
;   NAME/KEY: exon
;   LOCATION: (6966)..(7138)
;   NAME/KEY: exon
;   LOCATION: (8556)..(9365)
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;   NAME/KEY: misc_feature
;   LOCATION: (3409)
;   OTHER INFORMATION: n = a or g or t or c
;   NAME/KEY: misc_feature
;   LOCATION: (9214)
;   OTHER INFORMATION: n = a or g or t or c
;   NAME/KEY: misc_feature
;   LOCATION: (9303)
;   OTHER INFORMATION: n = a or g or t or c
;   NAME/KEY: misc_feature
;   LOCATION: (9311)
;   OTHER INFORMATION: n = a or g or t or c
US-10-092-063-8

  Query Match             9.4%;  Score 240.2;  DB 9;  Length 9365;
  Best Local Similarity   76.7%;  Pred. No. 5.3e-63;
  Matches  257;  Conservative   34;  Mismatches   43;  Indels    1;  Gaps    1;

Qy    1831 TCTTTTTCTTTTTTTTTGAGACGGAGTCTTGC-CCTGTTGCCCATGCTGGAGTGCAATGG 1889
           | | ||  | |||||||||||||||||||:|| | ||||:||:: |||||||||||:|||
Db    7427 TTTATTATTATTTTTTTGAGACGGAGTCTYGCTCTTGTTKCCYRGGCTGGAGTGCARTGG 7486

Qy    1890 CACGATCTCAGCTCACTGCAACCTCCATCTCCTGGATTCAAACAATTCTCCTGCCTCAGC 1949
           |::||||:|:||||||||||:|||:|: ||||||| ||||| | |||||:||||||||||
Db    7487 CRYGATCWCRGCTCACTGCARCCTYCRCCTCCTGGGTTCAAGCGATTCTYCTGCCTCAGC 7546

Qy    1950 CTCCAGAATAGCTGGGATTACAGGCGTACACCACCATGCCTGGCTAATTTTTTTGTATTT 2009
           |||| :| |||||||||||||||||:: | |||||| |||:|||||||||||||||||||
Db    7547 CTCCCRAGTAGCTGGGATTACAGGCRYGCGCCACCACGCCYGGCTAATTTTTTTGTATTT 7606

Qy    2010 TTAGTAGACATGGGGTTTCACCACATTGGCCAGGCTGGTGTCGAACTCCTGACCTCAGGT 2069
           |||||||| | ||||||||||||  |||||||||||::| |::||||:||||:|||||||
Db    7607 TTAGTAGAGACGGGGTTTCACCATGTTGGCCAGGCTRKTCTYRAACTYCTGAYCTCAGGT 7666

Qy    2070 GATCCACCCACCTTGGCCTCCCAAAGTGCTGGGATTACAGGTGTGAGCCACGGCACCCAG 2129
           |||||||||:||| :|||||||||||||||:|:||||:|||::||||||||  | ||::|
Db    7667 GATCCACCCRCCTCRGCCTCCCAAAGTGCTRGRATTAYAGGYRTGAGCCACCACKCCYRG 7726

Qy    2130 CCTAGCTCTCAGATCTCTATTTCATTTTGTGGCTT 2164
           |||   |      : ||| |||  || : |   ||
Db    7727 CCTTTTTTGKTCGKTTCTTTTTTTTTCHTTTTTTT 7761


RESULT 6
US-10-091-085-8
; Sequence 8, Application US/10091085
; Patent No. US20020146772A1
; GENERAL INFORMATION:
;  APPLICANT: Ford, John
;  APPLICANT:  Mulero, Julio
;  TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO NOVEL CD39-LIKE
;  TITLE OF INVENTION:  POLYPEPTIDES
;  FILE REFERENCE: 28110/35761
;  CURRENT APPLICATION NUMBER: US/10/091,085
;  CURRENT FILING DATE:  2002-03-05
;  PRIOR APPLICATION NUMBER: 09/350,836
;  PRIOR FILING DATE: 1999-07-09
;  PRIOR APPLICATION NUMBER: 09/273,447
;  PRIOR FILING DATE: 1999-03-19
;  PRIOR APPLICATION NUMBER: 09/118,205
;  PRIOR FILING DATE: 1998-07-16
;  PRIOR APPLICATION NUMBER: 09/122,449
;  PRIOR FILING DATE: 1998-07-24
;  PRIOR APPLICATION NUMBER: 09/244,444
;  PRIOR FILING DATE: 1999-02-04
;  NUMBER OF SEQ ID NOS: 23
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 8
;   LENGTH: 9365
;   TYPE: DNA
;   ORGANISM: Homo sapiens
;   FEATURE:
;   NAME/KEY: exon
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;   LOCATION: (1)..(288)
;   NAME/KEY: exon
;   LOCATION: (1281)..(1580)
;   NAME/KEY: exon
;   LOCATION: (1820)..(1855)
;   NAME/KEY: exon
;   LOCATION: (2467)..(2555)
;   NAME/KEY: exon
;   LOCATION: (2863)..(2942)
;   NAME/KEY: exon
;   LOCATION: (3889)..(3950)
;   NAME/KEY: exon
;   LOCATION: (4894)..(4995)
;   NAME/KEY: exon
;   LOCATION: (5847)..(5987)
;   NAME/KEY: exon
;   LOCATION: (6966)..(7138)
;   NAME/KEY: exon
;   LOCATION: (8556)..(9365)
;   NAME/KEY: misc_feature
;   LOCATION: (3409)
;   OTHER INFORMATION: n= adenine or guanine or cytosine or thymine
;   NAME/KEY: misc_feature
;   LOCATION: (9214)
;   OTHER INFORMATION: n= adenine or guanine or cytosine or thymine
;   NAME/KEY: misc_feature
;   LOCATION: (9303)
;   OTHER INFORMATION: n= adenine or guanine or cytosine or thymine
;   NAME/KEY: misc_feature
;   LOCATION: (9311)
;   OTHER INFORMATION: n= adenine or guanine or cytosine or thymine
US-10-091-085-8

  Query Match             9.4%;  Score 240.2;  DB 12;  Length 9365;
  Best Local Similarity   76.7%;  Pred. No. 5.3e-63;
  Matches  257;  Conservative   34;  Mismatches   43;  Indels    1;  Gaps    1;

Qy    1831 TCTTTTTCTTTTTTTTTGAGACGGAGTCTTGC-CCTGTTGCCCATGCTGGAGTGCAATGG 1889
           | | ||  | |||||||||||||||||||:|| | ||||:||:: |||||||||||:|||
Db    7427 TTTATTATTATTTTTTTGAGACGGAGTCTYGCTCTTGTTKCCYRGGCTGGAGTGCARTGG 7486

Qy    1890 CACGATCTCAGCTCACTGCAACCTCCATCTCCTGGATTCAAACAATTCTCCTGCCTCAGC 1949
           |::||||:|:||||||||||:|||:|: ||||||| ||||| | |||||:||||||||||
Db    7487 CRYGATCWCRGCTCACTGCARCCTYCRCCTCCTGGGTTCAAGCGATTCTYCTGCCTCAGC 7546

Qy    1950 CTCCAGAATAGCTGGGATTACAGGCGTACACCACCATGCCTGGCTAATTTTTTTGTATTT 2009
           |||| :| |||||||||||||||||:: | |||||| |||:|||||||||||||||||||
Db    7547 CTCCCRAGTAGCTGGGATTACAGGCRYGCGCCACCACGCCYGGCTAATTTTTTTGTATTT 7606

Qy    2010 TTAGTAGACATGGGGTTTCACCACATTGGCCAGGCTGGTGTCGAACTCCTGACCTCAGGT 2069
           |||||||| | ||||||||||||  |||||||||||::| |::||||:||||:|||||||
Db    7607 TTAGTAGAGACGGGGTTTCACCATGTTGGCCAGGCTRKTCTYRAACTYCTGAYCTCAGGT 7666

Qy    2070 GATCCACCCACCTTGGCCTCCCAAAGTGCTGGGATTACAGGTGTGAGCCACGGCACCCAG 2129
           |||||||||:||| :|||||||||||||||:|:||||:|||::||||||||  | ||::|
Db    7667 GATCCACCCRCCTCRGCCTCCCAAAGTGCTRGRATTAYAGGYRTGAGCCACCACKCCYRG 7726

Qy    2130 CCTAGCTCTCAGATCTCTATTTCATTTTGTGGCTT 2164
           |||   |      : ||| |||  || : |   ||
Db    7727 CCTTTTTTGKTCGKTTCTTTTTTTTTCHTTTTTTT 7761


RESULT 7
US-10-079-854-370
; Sequence 370, Application US/10079854
; Publication No. US20030054368A1
; GENERAL INFORMATION:
;  APPLICANT: Rosen et al.
;  TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
;  FILE REFERENCE: PA121C1
;  CURRENT APPLICATION NUMBER: US/10/079,854
;  CURRENT FILING DATE:  2002-02-22
;  Prior Application removed - See File Wrapper or Palm
```

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;  NUMBER OF SEQ ID NOS: 428
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 370
;   LENGTH: 16225
;   TYPE: DNA
;   ORGANISM: Homo sapiens
US-10-079-854-370

  Query Match              9.3%;  Score 237.8;  DB 9;  Length 16225;
  Best Local Similarity   87.5%;  Pred. No. 4e-62;
  Matches  260;  Conservative    0;  Mismatches   37;  Indels    0;  Gaps    0;

Qy   1837 TCTTTTTTTTTGAGACGGAGTCTTGCCCTGTTGCCCATGCTGGAGTGCAATGGCACGATC 1896
          | ||||||||||||||||||||| || ||||  |||| ||||||||||||||||||||||
Db  12297 TTTTTTTTTTTGAGACGGAGTCTCGCTCTGTCTCCCAGGCTGGAGTGCAATGGCACGATC 12356

Qy   1897 TCAGCTCACTGCAACCTCCATCTCCTGGATTCAAACAATTCTCCTGCCTCAGCCTCCAGA 1956
          || |||||||||||||||  |||| ||| ||||| |||||||||||||||||||||| ||
Db  12357 TCGGCTCACTGCAACCTCTGTCTCTTGGGTTCAAGCAATTCTCCTGCCTCAGCCTCCCGA 12416

Qy   1957 ATAGCTGGGATTACAGGCGTACACCACCATGCCTGGCTAATTTTTTTGTATTTTTAGTAG 2016
          ||||| | || ||||||| |   |||||| ||||||||||||||||||||||||||||||
Db  12417 ATAGCCGAGACTACAGGCATGTGCCACCACGCCTGGCTAATTTTTTTGTATTTTTAGTAG 12476

Qy   2017 ACATGGGGTTTCACCACATTGGCCAGGCTGGTGTCGAACTCCTGACCTCAGGTGATCCAC 2076
          | |  |||||||||||  |||| ||||||||| ||||||||||||||| |||||||||||
Db  12477 AGACAGGGTTTCACCATGTTGGTCAGGCTGGTCTCGAACTCCTGACCTTAGGTGATCCAC 12536

Qy   2077 CCACCTTGGCCTCCCAAAGTGCTGGGATTACAGGTGTGAGCCACGGCACCCAGCCTA 2133
          ||||||  |||||||||||| ||||||||||||||||||||||| || | | || ||
Db  12537 CCACCTCAGCCTCCCAAAGTCCTGGGATTACAGGTGTGAGCCACTGCGCTCGGCTTA 12593

RESULT 8
US-09-764-878-370
; Sequence 370, Application US/09764878
; Patent No. US20020090615A1
; GENERAL INFORMATION:
;  APPLICANT: Rosen et al.
;  TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
;  FILE REFERENCE: PA121
;  CURRENT APPLICATION NUMBER: US/09/764,878
;  CURRENT FILING DATE:  2001-01-17
;  Prior application data removed - consult PALM or file wrapper
;  NUMBER OF SEQ ID NOS: 428
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 370
;   LENGTH: 16225
;   TYPE: DNA
;   ORGANISM: Homo sapiens
US-09-764-878-370

  Query Match              9.3%;  Score 237.8;  DB 10;  Length 16225;
  Best Local Similarity   87.5%;  Pred. No. 4e-62;
  Matches  260;  Conservative    0;  Mismatches   37;  Indels    0;  Gaps    0;

Qy   1837 TCTTTTTTTTTGAGACGGAGTCTTGCCCTGTTGCCCATGCTGGAGTGCAATGGCACGATC 1896
          | ||||||||||||||||||||| || ||||  |||| ||||||||||||||||||||||
Db  12297 TTTTTTTTTTTGAGACGGAGTCTCGCTCTGTCTCCCAGGCTGGAGTGCAATGGCACGATC 12356

Qy   1897 TCAGCTCACTGCAACCTCCATCTCCTGGATTCAAACAATTCTCCTGCCTCAGCCTCCAGA 1956
          || |||||||||||||||  |||| ||| ||||| |||||||||||||||||||||| ||
Db  12357 TCGGCTCACTGCAACCTCTGTCTCTTGGGTTCAAGCAATTCTCCTGCCTCAGCCTCCCGA 12416

Qy   1957 ATAGCTGGGATTACAGGCGTACACCACCATGCCTGGCTAATTTTTTTGTATTTTTAGTAG 2016
          ||||| | || ||||||| |   |||||| ||||||||||||||||||||||||||||||
Db  12417 ATAGCCGAGACTACAGGCATGTGCCACCACGCCTGGCTAATTTTTTTGTATTTTTAGTAG 12476

Qy   2017 ACATGGGGTTTCACCACATTGGCCAGGCTGGTGTCGAACTCCTGACCTCAGGTGATCCAC 2076
          | |  |||||||||||  |||| ||||||||| ||||||||||||||| |||||||||||
Db  12477 AGACAGGGTTTCACCATGTTGGTCAGGCTGGTCTCGAACTCCTGACCTTAGGTGATCCAC 12536

Qy   2077 CCACCTTGGCCTCCCAAAGTGCTGGGATTACAGGTGTGAGCCACGGCACCCAGCCTA 2133
          ||||||  |||||||||||| ||||||||||||||||||||||| || | | || ||
Db  12537 CCACCTCAGCCTCCCAAAGTCCTGGGATTACAGGTGTGAGCCACTGCGCTCGGCTTA 12593

RESULT 9
US-09-764-877-2841/c
; Sequence 2841, Application US/09764877
; Patent No. US20020147140A1
; GENERAL INFORMATION:
;  APPLICANT: Rosen et al.
;  TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
;  FILE REFERENCE: PC005
;  CURRENT APPLICATION NUMBER: US/09/764,877
;  CURRENT FILING DATE:  2001-01-17
;  Prior application data removed - refer to PALM or file wrapper
;  NUMBER OF SEQ ID NOS: 4031
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2841
;   LENGTH: 1664
;   TYPE: DNA
;   ORGANISM: Homo sapiens
US-09-764-877-2841

  Query Match              9.2%;  Score 237.2;  DB 10;  Length 1664;
  Best Local Similarity   88.7%;  Pred. No. 1.7e-62;
  Matches  268;  Conservative    0;  Mismatches   33;  Indels    1;  Gaps    1;

Qy   1831 TCTTTTTCTTTTTTTTTGAGACGGAGTCT-TGCCCTGTTGCCCATGCTGGAGTGCAATGG 1889
          | ||||| ||||||||||||| ||||||| |  | ||||||||| |||||||||||||||
Db   1649 TTTTTTTTTTTTTTTTTGAGATGGAGTCTCTCTCTTGTTGCCCAGGCTGGAGTGCAATGG 1590

Qy   1890 CACGATCTCAGCTCACTGCAACCTCCATCTCCTGGATTCAAACAATTCTCCTGCCTCAGC 1949
           |||||||| ||||||||||||||||| |||| || ||||| ||||||||||||||||||
Db   1589 TACGATCTCGGCTCACTGCAACCTCCACCTCCCGGGTTCAAGCAATTCTCCTGCCTCAGC 1530

Qy   1950 CTCCAGAATAGCTGGGATTACAGGCGTACACCACCATGCCTGGCTAATTTTTTTGTATTT 2009
          |||| || |||||||||||||||||| |  ||||||||| ||||||||||||||||||||
Db   1529 CTCCTGAGTAGCTGGGATTACAGGCGCATGCCACCATGCTTGGCTAATTTTTTTGTATTT 1470

Qy   2010 TTAGTAGACATGGGGTTTCACCACATTGGCCAGGCTGGTGTCGAACTCCTGACCTCAGGT 2069
          |||||||| | || |||||||||  |||||||||||||  | ||||||||||||||||||
Db   1469 TTAGTAGAGACGGTGTTTCACCATGTTGGCCAGGCTGGACTTGAACTCCTGACCTCAGGT 1410

Qy   2070 GATCCACCCACCTTGGCCTCCCAAAGTGCTGGGATTACAGGTGTGAGCCACGGCACCCAG 2129
          ||||||||| |||  |||||||||||||||||||||||||| ||||||||| |||||| |
Db   1409 GATCCACCCGCCTCAGCCTCCCAAAGTGCTGGGATTACAGGCGTGAGCCACTGCACCCGG 1350

Qy   2130 CC 2131
          ||
Db   1349 CC 1348

RESULT 10
US-10-067-514-1/c
; Sequence 1, Application US/10067514
; Publication No. US20030054531A1
; GENERAL INFORMATION:
;  APPLICANT: Gretarsdottir, Solveig
;  APPLICANT:  Jonsdottir, Sif
;  APPLICANT:  Reynisdottir, Sigridur Th.
;  TITLE OF INVENTION: HUMAN STROKE GENE
;  FILE REFERENCE: 2345.2010-003
;  CURRENT APPLICATION NUMBER: US/10/067,514
;  CURRENT FILING DATE:  2002-02-04
;  PRIOR APPLICATION NUMBER: US 09/811/352
;  PRIOR FILING DATE: 2001-03-19
;  NUMBER OF SEQ ID NOS: 84
;  SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 1
;   LENGTH: 1691139
;   TYPE: DNA
;   ORGANISM: Human
US-10-067-514-1
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  Query Match             9.2%;  Score 236.4;  DB 9;  Length 1691139;
  Best Local Similarity   81.7%;  Pred. No. 1.5e-60;
  Matches  273;  Conservative    0;  Mismatches   61;  Indels    0;  Gaps    0;

Qy    1831 TCTTTTTCTTTTTTTTTGAGACGGAGTCTTGCCCTGTTGCCCATGCTGGAGTGCAATGGC 1890
           | ||||| ||||||||||||| |||||||  | ||||  |||| ||||||||||| |||
Db 1558698 TTTTTTTTTTTTTTTTTGAGATGGAGTCTCACTCTGTCACCCAGGCTGGAGTGCAGTGGG 1558639

Qy    1891 ACGATCTCAGCTCACTGCAACCTCCATCTCCTGGATTCAAACAATTCTCCTGCCTCAGCC 1950
           || || |  ||||||||||||||||||||||||| ||||| |||||||||||||||||||
Db 1558638 ACCATGTTGGCTCACTGCAACCTCCATCTCCTGGGTTCAAGCAATTCTCCTGCCTCAGCC 1558579

Qy    1951 TCCAGAATAGCTGGGATTACAGGCGTACACCACCATGCCTGGCTAATTTTTTTGTATTTT 2010
           ||| || |||||||||||||||  |   || |||| |||  |||||||||||| ||||||
Db 1558578 TCCTGAGTAGCTGGGATTACAGTTGCCTACTACCACGCCCAGCTAATTTTTTTATATTTT 1558519

Qy    2011 TAGTAGACATGGGGTTTCACCACATTGGCCAGGCTGGTGTCGAACTCCTGACCTCAGGTG 2070
           ||||||| | |||||||||||| ||||||||||||||| ||||||||||||||| ||||
Db 1558518 TAGTAGAGACGGGGTTTCACCATATTGGCCAGGCTGGTCTCGAACTCCTGACCTAAGGTA 1558459

Qy    2071 ATCCACCCACCTTGGCCTCCCAAAGTGCTGGGATTACAGGTGTGAGCCACGGCACCCAGC 2130
           |||| ||| |||||||||||| ||||| |||||||||||| ||||||||| || ||| ||
Db 1558458 ATCCCCCCGCCTTGGCCTCCCGAAGTGTTGGGATTACAGGCGTGAGCCACCGCGCCCGGC 1558399

Qy    2131 CTAGCTCTCAGATCTCTATTTCATTTTGTGGCTT 2164
           | |  |||    | |  | ||  | || |  | |
Db 1558398 CAACATCTGTACTTTGAAGTTGGTCTTTTTCCAT 1558365


RESULT 11
US-10-092-154-1744/c
; Sequence 1744, Application US/10092154
; Publication No. US20030054375A1
; GENERAL INFORMATION:
;  APPLICANT: Rosen et al.
;  TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
;  FILE REFERENCE: PC009C1
;  CURRENT APPLICATION NUMBER: US/10/092,154
;  CURRENT FILING DATE:  2002-03-07
;  NUMBER OF SEQ ID NOS: 2003
;  Prior Application removed - See File Wrapper or Palm
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1744
;   LENGTH: 14093
;   TYPE: DNA
;   ORGANISM: Homo sapiens
US-10-092-154-1744

  Query Match             9.1%;  Score 234.8;  DB 9;  Length 14093;
  Best Local Similarity   83.6%;  Pred. No. 3.1e-61;
  Matches  266;  Conservative    0;  Mismatches   52;  Indels    0;  Gaps    0;

Qy    1831 TCTTTTTCTTTTTTTTTGAGACGGAGTCTTGCCCTGTTGCCCATGCTGGAGTGCAATGGC 1890
           | ||||| |||||||| ||||  || |||||| |||  ||| | ||||||||||| ||||
Db    1717 TTTTTTTTTTTTTTTTGGAGATTGACTCTTGCTCTGGCGCCAAGGCTGGAGTGCAGTGGC 1658

Qy    1891 ACGATCTCAGCTCACTGCAACCTCCATCTCCTGGATTCAAACAATTCTCCTGCCTCAGCC 1950
             |||||   ||||||||||||||   |||| || |||||   |||||| ||||||||||
Db    1657 GTGATCTTGCCTCACTGCAACCTCTGCCTCCCGGGTTCAAGAGATTCTCGTGCCTCAGCC 1598

Qy    1951 TCCAGAATAGCTGGGATTACAGGCGTACACCACCATGCCTGGCTAATTTTTTTGTATTTT 2010
           ||| || ||||||||||||||||| | |||||||| ||||||||||||||||||||||||
Db    1597 TCCCGAGTAGCTGGGATTACAGGCATGCACCACCAGGCCTGGCTAATTTTTTTGTATTTT 1538

Qy    2011 TAGTAGACATGGGGTTTCACCACATTGGCCAGGCTGGTGTCGAACTCCTGACCTCAGGTG 2070
           ||||||| ||||||||||||||  |||||||||||||| | ||| ||||| ||||| |||
Db    1537 TAGTAGAGATGGGGTTTCACCATGTTGGCCAGGCTGGTCTTGAATTCCTGGCCTCAAGTG 1478

Qy    2071 ATCCACCCACCTTGGCCTCCCAAAGTGCTGGGATTACAGGTGTGAGCCACGGCACCCAGC 2130
           |||||||||||||||||||||||||||||||||||||||||||||||||| |  ||||| 
Db    1477 ATCCACCCACCTTGGCCTCCCAAAGTGCTGGGATTACAGGTGTGAGCCACCGTGCCCAGA 1418
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Qy    2131 CTAGCTCTCAGATCTCTA 2148
           |        |||| ||||
Db    1417 CATCTGTGTAGATTTCTA 1400


RESULT 12
US-09-764-847-1744/c
; Sequence 1744, Application US/09764847
; Patent No. US20020132767A1
; GENERAL INFORMATION:
;  APPLICANT: Rosen et al.
;  TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
;  FILE REFERENCE: PC009
;  CURRENT APPLICATION NUMBER: US/09/764,847
;  CURRENT FILING DATE:  2001-01-17
;  Prior application data removed - consult PALM or file wrapper
;  NUMBER OF SEQ ID NOS: 2003
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1744
;   LENGTH: 14093
;   TYPE: DNA
;   ORGANISM: Homo sapiens
US-09-764-847-1744

  Query Match             9.1%;  Score 234.8;  DB 10;  Length 14093;
  Best Local Similarity   83.6%;  Pred. No. 3.1e-61;
  Matches  266;  Conservative    0;  Mismatches   52;  Indels    0;  Gaps    0;

Qy    1831 TCTTTTTCTTTTTTTTTGAGACGGAGTCTTGCCCTGTTGCCCATGCTGGAGTGCAATGGC 1890
           | ||||| |||||||| ||||  || |||||| |||  ||| | ||||||||||| ||||
Db    1717 TTTTTTTTTTTTTTTTGGAGATTGACTCTTGCTCTGGCGCCAAGGCTGGAGTGCAGTGGC 1658

Qy    1891 ACGATCTCAGCTCACTGCAACCTCCATCTCCTGGATTCAAACAATTCTCCTGCCTCAGCC 1950
             |||||   ||||||||||||||   |||| || |||||   |||||| ||||||||||
Db    1657 GTGATCTTGCCTCACTGCAACCTCTGCCTCCCGGGTTCAAGAGATTCTCGTGCCTCAGCC 1598

Qy    1951 TCCAGAATAGCTGGGATTACAGGCGTACACCACCATGCCTGGCTAATTTTTTTGTATTTT 2010
           ||| || ||||||||||||||||| | |||||||| ||||||||||||||||||||||||
Db    1597 TCCCGAGTAGCTGGGATTACAGGCATGCACCACCAGGCCTGGCTAATTTTTTTGTATTTT 1538

Qy    2011 TAGTAGACATGGGGTTTCACCACATTGGCCAGGCTGGTGTCGAACTCCTGACCTCAGGTG 2070
           ||||||| ||||||||||||||  |||||||||||||| | ||| ||||| ||||| |||
Db    1537 TAGTAGAGATGGGGTTTCACCATGTTGGCCAGGCTGGTCTTGAATTCCTGGCCTCAAGTG 1478

Qy    2071 ATCCACCCACCTTGGCCTCCCAAAGTGCTGGGATTACAGGTGTGAGCCACGGCACCCAGC 2130
           |||||||||||||||||||||||||||||||||||||||||||||||||| |  ||||| 
Db    1477 ATCCACCCACCTTGGCCTCCCAAAGTGCTGGGATTACAGGTGTGAGCCACCGTGCCCAGA 1418

Qy    2131 CTAGCTCTCAGATCTCTA 2148
           |        |||| ||||
Db    1417 CATCTGTGTAGATTTCTA 1400


RESULT 13
US-09-764-887-613
; Sequence 613, Application US/09764887
; Patent No. US20020042096A1
; GENERAL INFORMATION:
;  APPLICANT: Rosen et al.
;  TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
;  FILE REFERENCE: PA113
;  CURRENT APPLICATION NUMBER: US/09/764,887
;  CURRENT FILING DATE:  2001-01-17
;  Prior application data removed - consult PALM or file wrapper
;  NUMBER OF SEQ ID NOS: 658
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 613
;   LENGTH: 24664
;   TYPE: DNA
;   ORGANISM: Homo sapiens
US-09-764-887-613

  Query Match             9.1%;  Score 234.2;  DB 10;  Length 24664;
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  Best Local Similarity   79.6%;  Pred. No. 6.5e-61;
  Matches  289;  Conservative    0;  Mismatches   73;  Indels    1;  Gaps    1;

Qy    1834 TTTTCTTTTTTTTTGAGACGGAGTCTTGCCCTGTTGCCCATGCTGGAGTGCAATGGCACG 1893
           |||| |||||||||||| | |||||||||  |||  |||| |||||||||||||||| |
Db    1326 TTTTTTTTTTTTTTGAGGCAGAGTCTTGCTGTGTCACCCAGGCTGGAGTGCAATGGCGCA 1385

Qy    1894 ATCTCAGCTCACTGCAACCTCCATCTCCTGGATTCAAACAATTCTCCTGCCTCAGCCTCC 1953
           ||||||||||||||||||||||| ||||||| ||||| ||||| || ||||||||||||
Db    1386 ATCTCAGCTCACTGCAACCTCCACCTCCTGGGTTCAAGCAATTGTCTTGCCTCAGCCTCA 1445

Qy    1954 AGAATAGCTGGGATTACAGGCGTACACCACCATGCCTGGCTAATTTTTTTGTATTTTTAG 2013
            || | |||||||||||||||   ||||||||  |||||||||||||||| | |||||||
Db    1446 CGAGTGGCTGGGATTACAGGCACCCACCACCAATCCTGGCTAATTTTTTT-TTTTTTTAG 1504

Qy    2014 TAGACATGGGGTTTCACCACATTGGCCAGGCTGGTGTCGAACTCCTGACCTCAGGTGATC 2073
           |||| |||||| |||||||  ||||  |||||||| ||||||||||||||||||||||||
Db    1505 TAGAGATGGGGATTCACCATGTTGGTTAGGCTGGTCTCGAACTCCTGACCTCAGGTGATC 1564

Qy    2074 CACCCACCTTGGCCTCCCAAAGTGCTGGGATTACAGGTGTGAGCCACGGCACCCAGCCTA 2133
           ||||| ||| ||||||||| ||||||||||||||||| ||||||| |  | ||||||  |
Db    1565 CACCCGCCTCGGCCTCCCAGAGTGCTGGGATTACAGGCGTGAGCCGCCACCCCCAGCTGA 1624

Qy    2134 GCTCTCAGATCTCTATTTCATTTTGTGGCTTACCATTCCCTAGCACACTGGCCTTGCCAT 2193
              |||  |    ||| |||  | |  ||| || | ||      ||||||      ||||
Db    1625 CAACTCTTAAAATTATATCACATAGGTGCTCACGAATCTACTTGACACTGAAAGGACCAT 1684

Qy    2194 CTT 2196
            ||
Db    1685 TTT 1687


RESULT 14
US-10-091-483-325/c
; Sequence 325, Application US/10091483
; Publication No. US20030049650A1
; GENERAL INFORMATION:
;  APPLICANT: Rosen et al.
;  TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
;  FILE REFERENCE: PTZ12C1
;  CURRENT APPLICATION NUMBER: US/10/091,483
;  CURRENT FILING DATE:  2002-03-07
;  NUMBER OF SEQ ID NOS: 348
;  Prior Application removed - See File Wrapper or Palm
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 325
;   LENGTH: 20020
;   TYPE: DNA
;   ORGANISM: Homo sapiens
US-10-091-483-325

  Query Match              9.1%;  Score 233.8;  DB 9;  Length 20020;
  Best Local Similarity   82.6%;  Pred. No. 7.7e-61;
  Matches  280;  Conservative    0;  Mismatches   57;  Indels    2;  Gaps    1;

Qy    1831 TCTTTTTCTTTTTTTTTGAGACGGAGTCTTGCCCTGTTGCCCATGCTGGAGTGCAATGGC 1890
           | ||||| |||||||||||||| | |||||||  ||||||| | ||||||||||| ||||
Db   11737 TTTTTTTTTTTTTTTTTGAGACAGGGTCTTGCTGTGTTGCCTAGGCTGGAGTGCAGTGGC 11678

Qy    1891 ACGATCTCAGCTCACTGCAACCTCCATCTCCTGGATTCAAACAATTCTCCTGCCTCAGCC 1950
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Db   11677 GCGATCTCAGCTCACTACAACCTCCGACTTCTTGGTTCAAGCAATTCTCCTGCCTCAGTC 11618

Qy    1951 TCCAGAATAGCTGGGATTACAGGCGTACACCACCATGCCTGGCTAATTTTTTTGTATTTT 2010
           ||| || |||||||||||||||||||   |||||||||||| ||||  ||||||||||||
Db   11617 TCCTGAGTAGCTGGGATTACAGGCGTGTGCCACCATGCCTGACTAA--TTTTTGTATTTT 11560

Qy    2011 TAGTAGACATGGGGTTTCACCACATTGGCCAGGCTGGTGTCGAACTCCTGACCTCAGGTG 2070
           ||||||| ||||||||||||||  ||| |||||||||| ||||||||||||||||| |||
Db   11559 TAGTAGAGATGGGGTTTCACCATGTTGACCAGGCTGGTCTCGAACTCCTGACCTCAAGTG 11500

Qy    2071 ATCCACCCACCTTGGCCTCCCAAAGTGCTGGGATTACAGGTGTGAGCCACGGCACCCAGC 2130
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Db   11499 ATCCACCCAGCTGGGTCTCCCAGAGTGCTGGGATTACAGGCGGGAGCCACCATGCCCGGC 11440

Qy    2131 CTAGCTCTCAGATCTCTATTTCATTTTGTGGCTTACCAT 2169
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Db   11439 CTGCTTGGCTAATTTTTAAATTTTTGTGTGTCTTACTAT 11401


RESULT 15
US-09-764-846-325/c
; Sequence 325, Application US/09764846
; Patent No. US20020102638A1
; GENERAL INFORMATION:
;  APPLICANT: Rosen et al.
;  TITLE OF INVENTION: Nucleic Acids, Proteins, and Antibodies
;  FILE REFERENCE: PTZ12
;  CURRENT APPLICATION NUMBER: US/09/764,846
;  CURRENT FILING DATE:  2001-01-17
;  Prior application data removed - consult PALM or file wrapper
;  NUMBER OF SEQ ID NOS: 348
;  SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 325
;   LENGTH: 20020
;   TYPE: DNA
;   ORGANISM: Homo sapiens
US-09-764-846-325

  Query Match              9.1%;  Score 233.8;  DB 10;  Length 20020;
  Best Local Similarity   82.6%;  Pred. No. 7.7e-61;
  Matches  280;  Conservative    0;  Mismatches   57;  Indels    2;  Gaps    1;

Qy    1831 TCTTTTTCTTTTTTTTTGAGACGGAGTCTTGCCCTGTTGCCCATGCTGGAGTGCAATGGC 1890
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Db   11737 TTTTTTTTTTTTTTTTTGAGACAGGGTCTTGCTGTGTTGCCTAGGCTGGAGTGCAGTGGC 11678

Qy    1891 ACGATCTCAGCTCACTGCAACCTCCATCTCCTGGATTCAAACAATTCTCCTGCCTCAGCC 1950
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Db   11677 GCGATCTCAGCTCACTACAACCTCCGACTTCTTGGTTCAAGCAATTCTCCTGCCTCAGTC 11618

Qy    1951 TCCAGAATAGCTGGGATTACAGGCGTACACCACCATGCCTGGCTAATTTTTTTGTATTTT 2010
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Db   11617 TCCTGAGTAGCTGGGATTACAGGCGTGTGCCACCATGCCTGACTAA--TTTTTGTATTTT 11560

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Db   11559 TAGTAGAGATGGGGTTTCACCATGTTGACCAGGCTGGTCTCGAACTCCTGACCTCAAGTG 11500

Qy    2071 ATCCACCCACCTTGGCCTCCCAAAGTGCTGGGATTACAGGTGTGAGCCACGGCACCCAGC 2130
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Db   11499 ATCCACCCAGCTGGGTCTCCCAGAGTGCTGGGATTACAGGCGGGAGCCACCATGCCCGGC 11440

Qy    2131 CTAGCTCTCAGATCTCTATTTCATTTTGTGGCTTACCAT 2169
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Job time : 877.719 secs
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